

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Single/Multiple Station Smoke Detector-Photoelectric

LISTEE: Gentex, 10985 Chicago Drive, Zeeland, MI 49464
Contact: Lisa Lantz (616) 392-7195

DESIGN: Models 7109CS, 7109LS, 7139CS and 7139LS single/multiple station smoke detectors. Unit is a photoelectric type, 120 VAC with non-rechargeable 9 V battery backup. Model 7109CS and 7139CS employ a strobe light. Refer to listee's data sheet for additional detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as AC powered single/multiple station photoelectric smoke detectors with battery backup.

*Models 7139CS and 7139LS can generate a distinctive temporal code pattern fire alarm signal (for evacuation) in accordance with NFPA 72, 1996 Edition. Refer to listee's Installation Instructions Manual for details.

*Models 7109CS and 7109LS are non-temporal and are intended for use in occupancies that do not require total evacuation but perhaps relocation or notification.

NOTE: *The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

*Rev. 05-25-99



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

JUNE 10, 2002

*Listing Expires **June 30, 2003***

Authorized By:

DIANE K. AREND, Senior Deputy
Program Manager